



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 10

1200 Sixth Avenue, Suite 900
Seattle, Washington 98101-3140

OFFICE OF THE
REGIONAL ADMINISTRATOR

ENCLOSURE DESIRED INFORMATION FOR BRISTOL BAY

EPA is requesting that you provide any of the following information that is available to EPA for use and analysis in the EPA Bristol Bay Watershed Assessment. We would like to receive all data in Excel or Access format with data sampling sites and/or mapping data, geodatabases and shapefiles. We would also like to receive any information that enables different types of information to be linked:

- A list of all the baseline data reports and additional analysis performed for your mineral exploration in the Bristol Bay watershed. This is needed so that we are aware of the universe of information regarding the watershed and resources.
- All monitoring results and any available synthesis or analysis of:
 - surface water hydrology and geochemistry including:
 - sample locations including GIS format and shapefiles of polygons for catchment areas of each sample site,
 - sample site description,
 - sampling date and stream discharge for each sample,
 - water chemistry results including unstable “field” parameters such as pH, SC, ORP, DO, aqueous cations (major, minor and trace), anions, alkalinity, acidity and DOC,
 - stream flow data,
 - groundwater well monitoring data;
 - fish distribution and ecology;
 - aquatic habitat descriptions and delineation;
 - wetlands classification, delineation and functional assessment;
 - stream sediment geochemistry including:
 - grain size analysis,
 - mineralogy,
 - bulk geochemistry,
 - SEM/AVS,
 - organic carbon analysis;
 - geochemistry including:
 - bulk geochemical results for all solids used in Kenetic tests including ABA results from the benchtop and in the field, both tailings type and waste rock,
 - geologic drill logs for cores used in metallurgical tests, to produce tailings materials and including assay results,
 - mineralogical and geochemical analysis of any concentrates produced during metallurgical testing,
 - leachate analytical results from kinetic tests including unstable “field” parameters such as pH, SC, ORP, aqueous cations (major, minor, trace)

- anions, alkalinity and acidity
 - supporting information to enable these different types of information to be linked,
 - QA/QC results for kinetic tests;
 - slope stability and soil erosion proness.
- Any information about a proposed mine plan during construction, operations, and closure. This would include plans for mining, processing, disposal of waste products (tailings and waste rock), water use, and wastewater management during operations and closure. This also includes plans for transportation of mining materials, ore or concentrate to and from the mine site.
- All results and analysis of subsistence and traditional knowledge surveys
- We would like to receive any QA/QC results for data provided.
- We would like to receive any digital elevation model produced and a list of products produced from LIDAR collected in the Bristol Bay Watershed.